HOT MELT CALENDERED OR EXTRUDED WEAR LAYER FOR EMBOSSED SUBSTRATES AND METHOD OF MANUFACTURE

Abstract

The invention relates to a textured surface covering having a hot melt wear layer and methods of applying the hot melt wear layer to a textured or embossed surface without distortion of the visual image of the textured substrate. The wear layer substantially follows the contours of the substrate with minimum change in thickness of the wear layer over the textured surface and provides an aesthetically pleasing three dimensional appearance to the textured surface of the substrate. Melt applying the melt processable polymer resin to the textured substrate with a conformable pressure roll deter entrapment of bubbles between the wear layer and the textured substrate. Therefore, the wear layer exhibits significant clarity and visual depth, as well as improved maintenance (cleanability) properties. The resulting product has a visual image clarity reflecting any texture in the substrate including very light reflective (lenticular moray) embossings.